

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1110

IPIR NUMBER 13

OAK SUPPLEMENT PART IX

21 MAY 8 JUNE 1970

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WARNING

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM | 7. GROUND |
| Deployed Strategic SSM Facilities (A) | Ground Force Facilities (G) |
| 2. MISSILE RANGES | 8. TACTICAL SSM |
| Missile Ranges: Strategic SSM/Space Facilities (P) | Deployed Tactical SSM Facilities (H) |
| Missile Ranges: Air-Launched Missile Facilities (Q) | 9. LOGISTICS |
| Missile Ranges: Naval-Launched Missile Facilities (R) | Military Logistics Facilities (K) |
| Missile Ranges: Tactical SSM Facilities (S) | 10. NUCLEAR ENERGY |
| Missile Ranges: SAM/AMM Facilities (T) | Atomic Energy Facilities (O) |
| 3. AIR DEFENSE MISSILES | 11. CBR |
| Deployed AMM Facilities (B) | CBR Facilities (V) |
| Deployed SAM Facilities (D) | 12. INDUSTRY |
| 4. ELECTRONICS/COMMUNICATIONS | Strategic Weapons Industrial Facilities (J) |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR | Non-Military Industrial Facilities (N) |
| Air Base Facilities (E) | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL | 13. MISCELLANEOUS |
| Naval Base Facilities (F) | Non-Military Logistics Facilities (M) |
| | Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

TABLE OF CONTENTS

	PAGE
PREFACE	1
MISSION HIGHLIGHTS	2
ALBANIA	3
NAVAL BASE FACILITIES	
BULGARIA	4
AIR BASE FACILITIES	7
GROUND FORCE FACILITIES	
CHINA, COMMUNIST	11
AIR DEFENSE MISSILES	12
GROUND FORCE FACILITIES	
POLAND	16
AIR BASE FACILITIES	17
INDUSTRY	
ROMANIA	18
AIR BASE FACILITIES	19
NAVAL BASE FACILITIES	20
GROUND FORCE FACILITIES	
SOVIET UNION	23
DEPLOYED STRATEGIC SSM FACILITIES	27
MISSILE RANGES	32
AIR BASE FACILITIES	40
NAVAL BASE FACILITIES	41
GROUND FORCE FACILITIES	55
DEPLOYED TACTICAL SSM FACILITIES	56
LOGISTICS	58
INDUSTRY	59
MISCELLANEOUS	

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PREFACE

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PREFACE

THIS IS THE NINTH OAK SUPPLEMENT REPORT ON MISSION 1110. FOR
COMPLETE PREFACE SEE FIRST OAK SUPPLEMENT REPORT.

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KH-4 MISSION 1110

HIGHLIGHTS

MISSION HIGHLIGHTS

CHINA

MISSILE ACTIVITY

A NEWLY IDENTIFIED OCCUPIED SAM SITE, NAN-CHING C01-2, WAS
OBSERVED 24.4 NM NORTH OF NAN-CHING.

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KH-4 MISSION 1110

ALBANIA
NAVAL BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1D

25X1D

25X1A

SARANDE PORT FACILITIES
[REDACTED] NAC

39-52-[REDACTED] N 019-59-[REDACTED] E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

ON THE SOUTH EDGE OF SARANDE. BERTHING FACILITIES CONSIST OF ONE LONG AND ONE SHORT PIER, ONE LONG QUAY, A SHORT POSSIBLE QUAY, AND AN ENCLOSED MOORING BASIN FOR SMALL CRAFT. 0.7 NM WEST OF SARANDE IS A NARROW INLET CONTAINING ONE LONG SINGLE PIER AND ONE SMALL QUAY.

25X1D

NAVAL ORDER OF BATTLE:

[REDACTED] -- AT TOWN PORT

1 POSS FREIGHTER

15 POSS SMALL UNIDENTIFIED
CRAFT

25X1D

[REDACTED] -- AT WEST INLET

6 POSS P-6-SIZE VESSELS

25X1D

[REDACTED]

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KH-4 MISSION 1110

BULGARIA
AIR BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

DOLNA MITROPOLIIYA AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
26 SMALL STRAIGHT-WING

25X1D

[REDACTED]

25X1D

GABROVNITSA AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
30 SMALL POSS AIRCRAFT (AT
LEAST)

25X1D

[REDACTED]

25X1D

KAMENETS AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
47 SMALL SWEEP-WING

25X1D

25X1D

[REDACTED]

25X1D

25X1D

SOFIA/VRAZHDEBNA AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1D

25X1D 25X1D
25X1A 43-27-[REDACTED] N 024-29-[REDACTED] E
[REDACTED]

25X1A 43-32-[REDACTED] N 023-16-[REDACTED] E
[REDACTED]

25X1A 43-19-[REDACTED] N 025-00-[REDACTED] E
[REDACTED]

25X1A 42-41-[REDACTED] N 023-24-[REDACTED] E
[REDACTED]

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KH-4 MISSION 1110

BULGARIA
AIR BASE FACILITIES

AIR ORDER OF BATTLE:
2 MEDIUM SWEEP-WING
6 MEDIUM STRAIGHT-WING

3 LIGHT STRAIGHT-WING
4 SMALL STRAIGHT-WING

25X1D

25X1A

25X1D

25X1D

25X1D SOFIYA ALT NAT AF HQ

25X1A

42-47- N 023-30- E

STATUS: UNKNOWN

REMARKS:

THE FUNCTION OF THIS INSTALLATION CAN NEITHER BE CONFIRMED NOR
NEGATED BECAUSE OF THE SMALL SCALE OF THE PHOTOGRAPHY.

25X1D

25X1A

25X1D

25X1D 25X1A

TELISH AIRFIELD

25X1D

NAC

43-20- N 024-15- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
17 SMALL SWEEP-WING

2 SMALL POSS AIRCRAFT

25X1D

25X1A

OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

25X1D

YAMBOL AIRFIELD

25X1D

NAC

42-30- N 026-29- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

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25X1D

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BULGARIA

GROUND FORCE FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

GORNA ORYAKHOVITSA ARMY BARRACKS 1/3
[REDACTED] NAC

43-07-[REDACTED] N 025-42-[REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
3 ROWS OF VEHICLES OR
PIECES OF EQUIPMENT

25X1D

[REDACTED]

25X1A

25X1D

25X1D

25X1D

SEVLIEVO ARMY BARRACKS NORTHWEST 1
[REDACTED] NAC

43-01-[REDACTED] N 025-05-[REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
6 ROWS OF VEHICLES OR
PIECES OF EQUIPMENT

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

25X1A

GORNA MALINA ARMY BARRACKS 1
[REDACTED] NAC

42-42-[REDACTED] N 023-41-[REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1D

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KH-4 MISSION 1110

BULGARIA
GROUND FORCE FACILITIES

25X1A

25X1D

25X1D

KARLOVO AMMUNITION DEPOT SOUTHWEST 505

42-38- N 024-47- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1D

KARLOVO ARMY BARRACKS 1

42-38- N 024-47- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1D

KAZANLUK AMMUNITION DEPOT NORTHEAST

42-37- N 025-25- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1D

KAZANLUK ARMY BARRACKS 1

42-37- N 025-22- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

B

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KH-4 MISSION 1110

BULGARIA
GROUND FORCE FACILITIES

25X1D

KAZANLUK ARMY BARRACKS 2
[REDACTED] NAC

25X1A 42-37- N 025-22- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

LOVECH ARMY BARRACKS 1
[REDACTED] NAC

25X1A 43-08- N 024-42- E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

PLEVEN ARMY BARRACKS EAST 3
[REDACTED] NAC

25X1A 43-24- N 024-38- E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

PLEVEN ARMY BARRACKS SOUTH 1
[REDACTED] NAC

25X1A 43-24- N 024-37- E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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Control System Only
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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

BULGARIA
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

SLIVEN ARMY BARRACKS 4
[REDACTED] NAC

42-40-[REDACTED] N 026-19-[REDACTED] E

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1A

25X1D

25X1D

VELIKO TURNOVO ORDNANCE DPO S 506
[REDACTED] NAC

43-03-[REDACTED] N 025-39-[REDACTED] E

25X1D

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

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Talent-KEYHOLE
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KH-4 MISSION 1110

CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D

SIGNIFICANT RESULTS

25X1A

NAN-CHING SAM SITE C01-2

25X1D

25X1D

32-27- N 118-50- E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

24.4 NM NORTH OF NAN-CHING.

THE NEWLY IDENTIFIED SAM SITE CONSISTS OF SIX UNREVIEWED LAUNCH POSITIONS, EACH CONTAINING A PROBABLE LAUNCHER AND A MISSILE TRANSPORTER, AND AN UNREVIEWED CENTRAL GUIDANCE AREA CONTAINING ONE BUILDING, A PROBABLE FAN SONG RADAR, AND SIX PROBABLE SUPPORT VANS. SUPPORT FACILITIES CONSIST OF NINE BUILDINGS AND AT LEAST 30 TENTS. NO ACTIVITY WAS OBSERVED IN THE AREA ON

25X1D

MISSILE ORDER OF BATTLE:

6 PROB LAUNCHERS

6 MISSILE TRANSPORTERS

1 PROB FAN SONG RADAR

6 SUPPORT VANS

25X1D

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

CHINA, COMMUNIST
GROUND FORCE FACILITIES

TOP SECRET RUFF

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

25X1D

HUO-LU ARMY BARRACKS AL 2
[REDACTED] NAC

38-06- [REDACTED] N 114-18- [REDACTED] E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1A

25X1D

HUO-LU ARMY BARRACKS AL 3
[REDACTED] NAC

38-07- [REDACTED] N 114-19- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1D

25X1A

HUO-LU ARMY BARRACKS AL 4
[REDACTED] NAC

38-06- [REDACTED] N 114-20- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1D

25X1D

25X1A

HUO-LU ARMY BARRACKS AL 5
[REDACTED] NAC

38-03- [REDACTED] N 114-19- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

[REDACTED]

25X1D

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KH-4 MISSION 1110

CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

25X1A

38-02- [REDACTED] N

114-22- [REDACTED] E

HUO-LU ARMY BARRACKS AL 6
[REDACTED] NAC

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1D

25X1A

25X1D

KAO-CHENG ARMY BARRACKS SOUTHWEST AL 1
[REDACTED] NAC

38-01- [REDACTED] N

114-48- [REDACTED] E

25X1A

STATUS: OCCUPIED

25X1D

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

25X1D

25X1D

SHIH-CHIA-CHUANG ARMY BKS NORTH AL 2
[REDACTED] NAC

25X1A

38-04- [REDACTED] N

114-30- [REDACTED] E

STATUS: OCCUPIED

25X1D

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

25X1D

25X1D

SHIH-CHIA-CHUANG ARMY BKS & TRNG CEN W
[REDACTED] NAC

25X1A

38-02- [REDACTED] N

114-25- [REDACTED] E

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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KH-4 MISSION 1110

CHINA, COMMUNIST
GROUND FORCE FACILITIES

TAI-KU AMMUNITION DEPOT SOUTHEAST
[REDACTED] NAC

25X1A 37-24- [REDACTED] N 112-37- [REDACTED] E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

TAI-KU ARMY BARRACKS AL 1
[REDACTED] NAC

25X1A 37-25- [REDACTED] N 112-34- [REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

TAI-YUAN ARMY BKS NORTH AREA 1
[REDACTED] NAC

25X1A 38-05- [REDACTED] N 112-37- [REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

YUAN-SHIH BARRACKS AREAS NORTHEAST
[REDACTED] NAC

25X1A 37-45- [REDACTED] N 114-32- [REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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Talent-KEYHOLE
Control System Only

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D

YU-TZU AMMUNITION DEPOT NORTHEAST
[REDACTED] NAC

25X1A 37-44- N 112-46- E

25X1D

STATUS:OCCUPIED
[REDACTED]

25X1D

YU-TZU ARMY BARRACKS AL 1
[REDACTED] NAC

25X1A 37-43- N 112-44- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

YU-TZU ARMY BARRACKS AL 2
[REDACTED] NAC

25X1A 37-42- N 112-44- E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

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Talent-KEYHOLE
Control System Only

TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

POLAND
AIR BASE FACILITIES

25X1A

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1A
25X1D

WARSAW/BOERNEROWO AIRFIELD

52-16- N 020-55- E

STATUS: UNKNOWN

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

POLAND
INDUSTRY

SIGNIFICANT RESULTS

25X1D

WARSAWA T-1 FACTORY

25X1A

25X1A
25X1D

25X1D

52-15- N 021-00- E

STATUS: UNKNOWN

REMARKS:
THE EXISTENCE OF A T-1 FACTORY AT THE REFERENCED COORDINATES
COULD NEITHER BE CONFIRMED NOR NEGATED BECAUSE OF SCATTERED
CLOUDS AND OBLIQUITY.

25X1D

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KH-4 MISSION 1110

ROMANIA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D		25X1D	25X1D
	CARACAL AIRFIELD NEW [REDACTED] NAC	25X1A 44-04- [REDACTED] N 024-25- [REDACTED] E	
	STATUS: OPERATIONAL		
	AIR ORDER OF BATTLE: 33 SMALL SWEEP/DELTA-WING		
25X1D	[REDACTED]		
	CRAIOVA AIRFIELD [REDACTED] NAC	25X1A 44-19- [REDACTED] N 023-53- [REDACTED] E	
	STATUS: OPERATIONAL		
	AIR ORDER OF BATTLE: 45 PROB FAGOT/FRESCO	1 POSS SMALL SWEEP-NG	
25X1D	[REDACTED]		
	OTHER RESULTS=NO APPARENT CHANGE		
25X1D		25X1A	
	BALACI AIRFIELD [REDACTED] NAC	44-22- [REDACTED] N 024-59- [REDACTED] E	
	STATUS: OPERATIONAL		
	AIR ORDER OF BATTLE: NONE DISCERNIBLE		
25X1D	[REDACTED]		

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KH-4 MISSION 1110

ROMANIA
NAVAL BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

GALATI PORT FACILITIES WEST
NAC

45-26- N 028-04- E

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

6 LARGE MERCHANT VESSELS
1 MEDIUM MERCHANT VESSEL

5 SMALL MERCHANT VESSELS

25X1D

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KH-4 MISSION 1110

ROMANIA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1A

25X1D

25X1D

CRAIOVA ARMY BARRACKS SOUTHEAST 1/3
NAC

44-18- N 023-49- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
3 ROWS OF VEHICLES OR
PIECES OF EQUIPMENT

25X1D

25X1A

TIRGU MURES ARMY BARRACKS 1
NAC

46-33- N 024-33- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
3 ROWS OF VEHICLES OR
PIECES OF EQUIPMENT

25X1D

25X1D

OTHER RESULTS=NO APPARENT CHANGE

25X1A

BASARABI ARMY BARRACKS 1
NAC

44-10- N 028-24- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

ROMANIA
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

BRAILA ARMY BARRACKS EAST CENTRAL
[REDACTED] NAC

45-16- [REDACTED] N 027-58- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

BRAILA ARMY BARRACKS 1/2/4
[REDACTED] NAC

45-15- [REDACTED] N 027-57- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1A

CARACAL ARMY BARRACKS 1/4
[REDACTED] NAC

44-07- [REDACTED] N 024-21- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1A

CARACAL ARMY BARRACKS 2
[REDACTED] NAC

44-07- [REDACTED] N 024-20- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

TOP SECRET RUFF

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KH-4 MISSION 1110

ROMANIA
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

CRAIOVA ARMY BARRACKS 9
[REDACTED] NAC

44-20- [REDACTED] N 023-47- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

25X1D

PLENITA ARMY BARRACKS WEST 1
[REDACTED] NAC

44-13- [REDACTED] N 023-09- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

SLATINA ARMY BARRACKS 1/2
[REDACTED] NAC

44-25- [REDACTED] N 024-23- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1A

TIRGU MURES ARMY BARRACKS 2
[REDACTED] NAC

46-33- [REDACTED] N 024-34- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

TOP SECRET RUFF

TOP SECRET RUFF

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KH-4 MISSION 1110

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

AKHTYRKA MRBM COMPLEX

25X1A

50-19- [REDACTED] N 034-52- [REDACTED] E

STATUS: OPERATIONAL

25X1D

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. ON [REDACTED]
FOUR ERECTORS WERE OBSERVED AT LAUNCH SITE 1, BUT ONLY ONE
ERECTOR WAS ON THE PADS AT LAUNCH SITE 2. HOWEVER, ONE
POSSIBLE SS-4 MISSILE WAS OBSERVED AT EACH LAUNCH SITE ON [REDACTED]
FIVE OF THE EIGHT OXIDIZER TRANSPORTERS AT LAUNCH SITE 2
ON [REDACTED] WERE ATTACHED TO PRIME MOVERS. NO SILO CONSTRUCTION
WAS OBSERVED.

25X1D

25X1D

25X1D

25X1D

25X1D

BARANO-ORENBURGSKOYE MRBM COMPLEX

44-18- [REDACTED] N 131-27- [REDACTED] E

25X1D

25X1A

25X1A

STATUS: NOT OPERATIONAL

25X1D

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. AT LAUNCH SITE 2,
VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED ON EACH LAUNCH
PAD ON [REDACTED] NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

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KH-4 MISSION 1110

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1A

25X1A

BOBROVSKIY MISSILE SUPPORT FACILITY

56-40- [REDACTED] N 061-04- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:

ON [REDACTED] FOUR LONG LIGHT-TONED RAIL CARS WERE IN FRONT OF ONE OF THE SIX LARGE REVETTED RAIL-IN BUILDINGS AT THE NORTH END OF THE FACILITY, AND AT LEAST TEN LONG VEHICLES WERE PARKED ON THE ROAD WEST OF THE LARGE MAINTENANCE AND ASSEMBLY BUILDING. NUMBERS OF MISSILE-ASSOCIATED VEHICLES, EQUIPMENT, AND RAIL CARS ON THIS DATE APPEARED TO BE THE SAME AS ON PREVIOUS MISSIONS. CONSTRUCTION CONTINUED ON THE FOUR LARGE BUILDINGS REPORTED ON MISSION [REDACTED] AND CLEARING, PROBABLY FOR ADDITIONAL STRUCTURES, WAS VISIBLE ACROSS THE ROAD TO THE NORTH OF THE FOUR BUILDINGS ON [REDACTED]



GUSEV MRBM COMPLEX

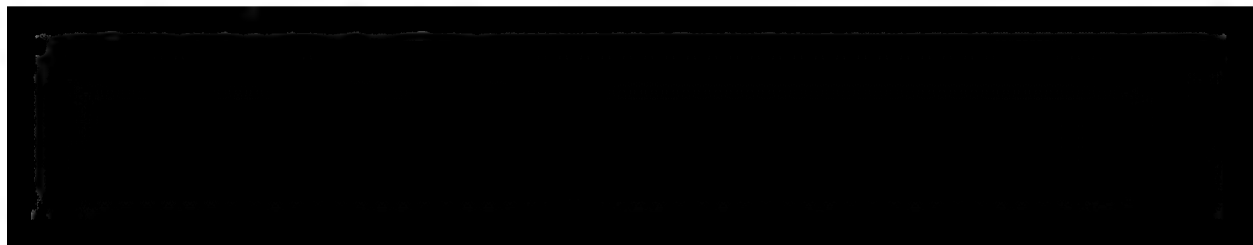
25X1A

54-42- [REDACTED] N 022-04- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:

ONLY LAUNCH SITE 2, FIXED FIELD SITE 1, AND PART OF LAUNCH SITE 1 WERE VISIBLE. FOUR ERECTORS WERE OBSERVED AT LAUNCH SITE 2 AND THREE WERE OBSERVED AT LAUNCH SITE 1 ON [REDACTED] AT LAUNCH SITE 2, A POSSIBLE SS-4 MISSILE WAS ALSO OBSERVED ON 5 [REDACTED] ON THE SERVICE ROAD OF THE SOUTH CENTRAL MISSILE-READY BUILDING, AND TWO VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED ON THE PARKING APRON IN THE OXIDIZER STORAGE AREA ON THIS DATE. NO SILO CONSTRUCTION WAS OBSERVED.



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KH-4 MISSION 1110

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1A

25X1D

25X1D

25X1D

KREMOVO MRBM COMPLEX

25X1A

44-00- [REDACTED] N 132-23- [REDACTED] E

STATUS: OPERATIONAL

25X1D

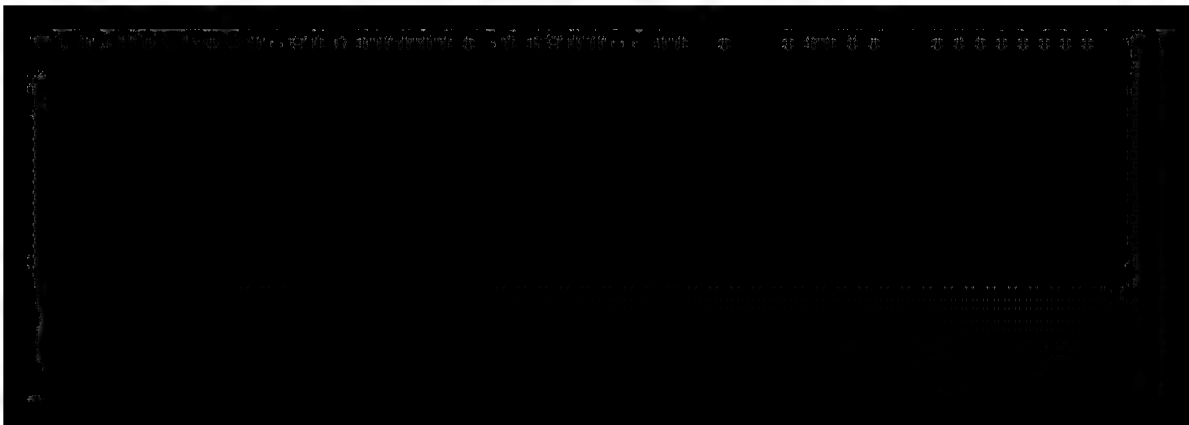
25X1D

25X1D

REMARKS:

ALL ELEMENTS OF THE COMPLEX WERE OBSERVED. ON [REDACTED]
[REDACTED] THE SHORT ACCESS ROAD TO KREMOVO SCALEBOARD LAUNCH SITE 3
WAS CLEARLY VISIBLE, BUT THE LAUNCH POSITIONS AND THE CIRCULAR
RING ROAD WERE BARELY DISCERNIBLE, POSSIBLY INDICATING THAT THE
SITE WAS OVERGROWN WITH VEGETATION. HOWEVER, ON [REDACTED]
THE LAUNCH POSITIONS AND CIRCULAR RING ROAD WERE CLEARLY
VISIBLE. THE NORMAL COMPLEMENT OF MISSILE-RELATED EQUIPMENT
WAS OBSERVED AT KREMOVO LAUNCH SITES 1 AND 2.

25X1D



25X1D

25X1D

25X1D

PERM ICBM COMPLEX

25X1A

57-42- [REDACTED] N 056-02- [REDACTED] E

25X1A

STATUS: OPERATIONAL

25X1D

REMARKS:

ALL COMPONENTS OF THE COMPLEX EXCEPT LAUNCH SITES 47J, 77L,
84M, AND 85M WERE OBSERVED. THIS INCLUDES FIVE NEWLY
IDENTIFIED SS-11 LAUNCH SITES DESIGNATED 99N, 100N, 101N, 102N,
AND 103N, REPORTED IN THE OAK. LAUNCH SITES 88M AND 89M WERE
OBSERVED TO BE COMPLETE ON COVERAGE OF [REDACTED] THIS MADE

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

ALL TEN LAUNCH SITES IN LAUNCH GROUP M COMPLETE.



PINSK MRBM COMPLEX
NAC

25X1D

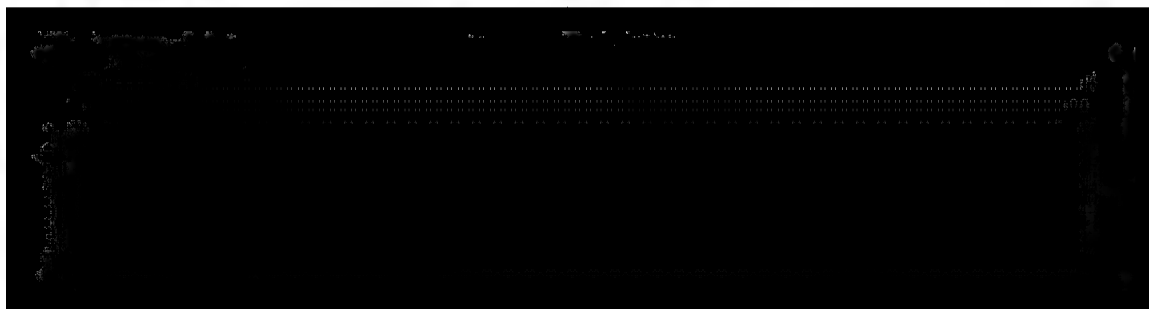
25X1A 52-11- N 025-42-E

25X1A

STATUS: OPERATIONAL

25X1D

REMARKS:
ALL ELEMENTS OF THE COMPLEX WERE OBSERVED. ON [REDACTED] AT
LAUNCH SITE 1, A MISSILE ON A TRANSPORTER WAS ALIGNED WITH THE
ERECTOR ON THE SE LAUNCH PAD. ERECTORS AND PROPELLANT VEHICLES
WERE OBSERVED AT LAUNCH SITE 1 ON [REDACTED] AND AT LAUNCH SITE 2
ON [REDACTED] AND [REDACTED] NO SILO CONSTRUCTION WAS OBSERVED.



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SOVIET UNION
MISSILE RANGES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1A

25X1D

25X1D

PLESETSK MISSILE AND SPACE CENTER

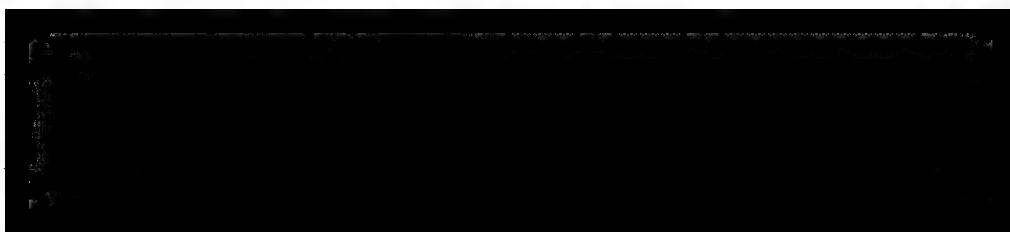
62-56- [REDACTED] N 040-37- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE CENTER EXCEPT LAUNCH SITES 1, 2, 7, AND 16, THE PROPELLANT STORAGE AND HANDLING FACILITY, COMMUNICATIONS FACILITIES 1-2-4, THE NEW AIRFIELD, AND THE ESV FACILITY WERE OBSERVED.

25X1D



25X1A

25X1A

25X1D

25X1D

TYURATAM MISSILE TEST CENTER

45-56- [REDACTED] N 063-28- [REDACTED] E

25X1D

STATUS: OPERATIONAL

25X1D

25X1D

REMARKS:

25X1D

THE CENTER WAS ALMOST COMPLETELY CLOUD COVERED ON [REDACTED] BUT WAS OBSERVED IN ITS ENTIRETY ON [REDACTED], ALL OF THE FOLLOWING READOUT IS BASED ON THE [REDACTED] COVERAGE.

25X1D

25X1D

AT LAUNCH SITE A1, LAUNCH COMPLEX A, THE ARMS OF THE SERVICE TOWER WERE FOLDED IN THE VERTICAL POSITION. TWO LONG RAIL CARS WERE ON THE APPROACH TO THE PAD. IT APPEARED THAT VERY LITTLE HAD BEEN DONE IN REMOVING THE DEBRIS WHICH WAS IN THE FLAME PIT AS A RESULT OF AN EARTH SLIDE OBSERVED ON [REDACTED]. THE DITCH WHICH EXTENDED FROM THE SW CORNER OF THE PAD SOUTHWARD TOWARD THE INSTRUMENTATION AND TRACKING FACILITY APPEARED TO HAVE BEEN BACKFILLED. THE TOP OF THE SMALL BUNKER JUST SW OF THE PAD HAD NOT BEEN REPLACED. AT LAUNCH SITE A2-A3, FOUR PROBABLE SS-6 TRANSPORTERS, ONE PARTIALLY DISMANTLED, WERE ON THE RAIL SPURS LEADING TO THE LAUNCH AREAS. IN THE SUPPORT FACILITY FOR LAUNCH COMPLEX A, SEVERAL SECTIONS OF TRACK WERE ON THE GROUND BETWEEN THE RAIL SPURS AT THE NORTH END OF THE

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
MISSILE RANGES

FACILITY. IT COULD NOT BE DETERMINED IF THESE WERE FOR REPLACING OLD TRACKS OR FOR THE LAYING OF A NEW SPUR. TWELVE PROPELLANT VEHICLES WERE PARKED ON THE HARDSTAND AT THE NE CORNER OF THE FACILITY.

AT LAUNCH SITE B1, LAUNCH COMPLEX B, A PROBABLE TRANSPORTER ERECTOR WAS IN FRONT OF THE MISSILE-READY BUILDING, AND A SECOND PROBABLE TRANSPORTER ERECTOR WAS MIDWAY BETWEEN THE MISSILE-READY BUILDING AND THE LAUNCH PAD. AT LAUNCH SITE B2, APPROXIMATELY 18 VEHICLES OR PIECES OF EQUIPMENT WERE PARKED ALONG THE SIDES OF THE LAUNCH PAD.

25X1D AT LAUNCH COMPLEX C, THE ERECTOR HAD BEEN REMOVED FROM LAUNCH PAD C1 AND POSSIBLY WAS IN FRONT OF ONE OF THE MISSILE-READY BUILDINGS IN THE MISSILE CHECKOUT AREA (WEST). TWO VEHICLES OR PIECES OF EQUIPMENT WERE ON THE EDGE OF PAD C1. THE CYLINDRICAL VEHICLE WAS IN THE SAME POSITION AS ON MISSION [REDACTED] ON THE LOOP ROAD ON THE EAST SIDE OF C1. A POSSIBLE TRANSPORTER WAS ON THE ROAD BETWEEN C1 AND C2. TWO RAIL CARS WERE ADJACENT TO THE PROPELLANT FACILITIES AT C3. APPROXIMATELY 12 VEHICLES OR PIECES OF EQUIPMENT WERE ON THE HARDSTANDS IN THE SW CORNER OF THE LAUNCH AREA. FOUR PROPELLANT RAIL CARS WERE ON THE RAIL SPUR LEADING TO THE LAUNCH AREA. FOUR VEHICLES OR PIECES OF EQUIPMENT WERE IN FRONT OF THE MISSILE ASSEMBLY AND CHECKOUT BUILDING.

AT LAUNCH SITE D1, LAUNCH COMPLEX D, THE NORTH SILO DOOR WAS OPEN. TWO POSSIBLE SILO LOADERS WERE ADJACENT TO THE SITE SUPPORT BUILDING, AND TWO POSSIBLE STAGE TRANSPORTERS WERE PARKED IN TANDEM IN THE AREA ON THE EAST SIDE OF THE SILOS. NO ACTIVITY WAS OBSERVED AT LAUNCH SITE D2.

25X1D AT LAUNCH COMPLEX E, AN UNUSUALLY LARGE NUMBER OF VEHICLES AND PIECES OF EQUIPMENT WERE WITHIN THE COMPLEX. THESE WERE PROBABLY THE SAME VEHICLES OR PIECES OF EQUIPMENT REPORTED ON MISSION [REDACTED] AS PROBABLE SS-9 SUPPORT EQUIPMENT, WHICH SUGGESTS THE USE OF COMPLEX E AS A SUPPORT AREA FOR SS-9 LAUNCH SITES AT THE RANGEHEAD. THE LOCATIONS, NUMBERS, AND RELATIVE SIZES OF THE VEHICLES OR PIECES OF EQUIPMENT WERE AS FOLLOWS -- LAUNCH PAD E1 -- TWO LONG AND 15 SMALL VEHICLES OR PIECES OF EQUIPMENT, LAUNCH PAD E2 -- FIVE LONG AND TEN SMALL VEHICLES OR PIECES OF EQUIPMENT, LAUNCH PAD E3 -- 11 LONG AND THREE SHORT VEHICLES OR PIECES OF EQUIPMENT, [REDACTED] HANDLING FACILITY -- 11 SMALL VEHICLES OR PIECES OF EQUIPMENT. IN ADDITION, 11 SMALL VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED ON THE ROADS WITHIN THE COMPLEX.

25X2

AT LAUNCH COMPLEX F, THE DOOR OF THE CENTER SILO APPEARED TO BE

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
MISSILE RANGES

OPEN, AND ONE SHORT AND FOUR LONG VEHICLES OR PIECES OF EQUIPMENT WERE PARKED IN FRONT OF THE SILO. FOUR LONG AND FOUR SHORT VEHICLES OR PIECES OF EQUIPMENT WERE PARKED AT VARIOUS POINTS WITHIN THE LAUNCH AREA.

IN THE SUPPORT FACILITY FOR LAUNCH COMPLEXES E AND F, APPROXIMATELY 16 VEHICLES OR PIECES OF EQUIPMENT WERE IN THE PARKING AREA BEHIND THE BARRACKS AREA.

AT POSSIBLE LAUNCH PAD G1-C, LAUNCH COMPLEX G, CONSTRUCTION WHICH APPEARED TO BE AN ADDITIONAL BAY WAS OBSERVED ALONG THE NE SIDE OF THE ORIGINAL LONG RECTANGULAR STRUCTURE. THE ENTIRE STRUCTURE EXTENDED ABOVE GROUND LEVEL. ALL BUT THE CENTER, HIGHER-BAY SECTION OF THE ORIGINAL STRUCTURE AND THE NEW SIDE BAY HAD BEEN ROOFED. CONSTRUCTION MATERIALS AND EQUIPMENT WERE IN THE IMMEDIATE AREA. NO SIGNIFICANT ACTIVITY WAS OBSERVED AT LAUNCH PADS G1-A AND G1-B. AT LAUNCH SITE G3-G4, THE GANTRIES WERE IN THE PARK POSITION TO THE REAR OF THE PADS. THREE TANK CARS WERE PARKED ON THE RAIL SPURS ADJACENT TO THE OXIDIZER STORAGE FACILITIES AT G3, AND A TANK CAR WAS PARKED ADJACENT TO THE FUEL STORAGE FACILITY AT G4. NO SIGNIFICANT CHANGES WERE OBSERVED AT THE STRUCTURES UNDER CONSTRUCTION FORWARD OF EACH LAUNCH PAD. AT LAUNCH SITE G5-G6, THE GANTRY WAS POSITIONED ON LAUNCH PAD G6, WHERE IT HAS BEEN OBSERVED SINCE [REDACTED] THERE WERE 66 CANISTERS IN THE LAUNCH AREA, APPROXIMATELY 30 LESS THAN PREVIOUSLY OBSERVED. THE 30 MISSING CANISTERS HAD BEEN REMOVED FROM ALONG THE NORTH FENCE LINE. IN THE LAUNCH COMPLEX G SUPPORT FACILITY, TWO RAIL CARS WERE IN FRONT OF THE MISSILE ASSEMBLY AND CHECKOUT BUILDING. AN UNDETERMINED NUMBER OF OTHER RAIL CARS WERE ON THE SIDINGS AROUND THE BUILDING. FIVE LONG PIECES OF EQUIPMENT AND 12 SMALL VEHICLES OR PIECES OF EQUIPMENT WERE IN THE SS-11 AREA.

25X1D

AT LAUNCH COMPLEX H, A TRANSPORTER WAS ON THE RAIL SPUR BETWEEN THE LAUNCH PAD AND THE MISSILE-READY BUILDING AT H1, AND A RAIL CAR WAS ON THE SPUR ADJACENT TO THE LAUNCH PAD. APPROXIMATELY THREE RAIL CARS WERE ON THE SPUR LEADING TO LAUNCH PAD H2.

25X1D

AT LAUNCH GROUP I, A VEHICLE OR PIECE OF EQUIPMENT WAS PARKED IN FRONT OF THE CENTER SILO. THE SILO DOOR AT I4 WAS PARTIALLY OPEN AND HAS BEEN ON ALL OBSERVATIONS SINCE [REDACTED] NO OTHER ACTIVITY WAS OBSERVED IN LAUNCH GROUP I.

25X1D

AT LAUNCH COMPLEX J, A PARTIAL LAUNCH VEHICLE WAS ERECTED ON LAUNCH PAD J2 AND APPEARED TO BE THE SAME ONE OBSERVED THERE ON MISSION [REDACTED] LITTLE IF ANY CHANGE COULD BE DETECTED IN THE REPAIRS TO LAUNCH PAD J1. A RECTANGULAR STRUCTURE WAS BEING CONSTRUCTED IN AN EXCAVATION JUST FORWARD

25X1D

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SOVIET UNION
MISSILE RANGES

OF PAD J2, AND A SIMILAR EXCAVATION WAS OBSERVED FORWARD OF PAD J1. THERE WAS NO EVIDENCE OF ANY STRUCTURE IN THE EXCAVATION AT J1. EXCAVATING WAS OBSERVED BETWEEN THE RAIL SPURS AT THE NW END OF J1, AND IT IS POSSIBLE THAT IT HAD DISRUPTED THE MAIN SPUR WHICH SERVES THE FORWARD THREE PROPELLANT OFFLOADING POINTS. EIGHT RAIL CARS WERE ON THE SPURS SERVING J2, AND POSSIBLY THREE WERE ON THE J1 SPUR. THE TWO PROBABLE LIQUID HYDROGEN RAIL CARS OBSERVED AT J2 IN [REDACTED] APPEARED TO BE GONE.

25X1D

25X1D

AT THE VEHICLE ASSEMBLY BUILDING (VAB), THE TWO TRANSPORTER ERECTORS AND THE STRONGBACK WERE PARKED ON THE TRACKS AT THE NORTH END OF THE BUILDING. CONSTRUCTION CONTINUED ON THE NEW BUILDING AT THE SOUTH END OF THE VAB. ALL BUT THE EXTREME SE CORNER HAD BEEN ROOFED.

AT LAUNCH GROUP K, THREE VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED AT BOTH LAUNCH SITES AT K1-K2. IN AN AREA JUST OUTSIDE THE ENTRANCE TO K1-K2 AND ACROSS THE ROAD FROM 03 WERE FIVE TENTS AND 11 VEHICLES OR PIECES OF EQUIPMENT.

AT LAUNCH GROUP L, VEHICULAR ACTIVITY WAS OBSERVED AT THREE OF THE SITES. AT LAUNCH SITE L4, THREE VEHICLES OR PIECES OF EQUIPMENT WERE ON THE SILO APRON, AND AT L7 THREE VEHICLES OR PIECES OF EQUIPMENT WERE ON THE APRON AND TWO MORE IN THE INFIELD BEHIND THE SILO DOOR. AT LAUNCH SITE L9, A SILO LOADER WAS POSITIONED ON THE SOUTH SIDE OF THE SILO AND TWO VEHICLES OR PIECES OF EQUIPMENT WERE PARKED NEARBY.

25X1D

25X1D

25X1D

IN LAUNCH GROUP N AT LAUNCH SITE N1, TWO PROBABLE ELECTRONIC TOWERS HAD BEEN INSTALLED SW OF THE SILO, AND THE DITCHING OBSERVED THERE ON [REDACTED] HAD BEEN BACKFILLED. THE APPEARANCE AND PLACEMENT OF THESE TOWERS APPEARED TO BE IDENTICAL TO THE APPEARANCE AND PLACEMENT OF THE ONES INSTALLED AT LAUNCH SITE N2-N3 ON [REDACTED]. A SINGLE VEHICLE OR PIECE OF EQUIPMENT WAS OBSERVED ADJACENT TO THE SILOS AT N1 AND N2, AND THREE WERE OBSERVED AT N3.

25X1D

IN LAUNCH GROUP O, FIVE VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED AT BOTH LAUNCH SITES 02 AND 04. THIS WAS THE FIRST ACTIVITY OBSERVED AT LAUNCH SITES OF GROUP O SINCE MISSION [REDACTED]

CONSTRUCTION CONTINUED IN LAUNCH GROUP Q, WHERE SILO LINERS WERE OBSERVED BEING ASSEMBLED AT LAUNCH SITES Q1-Q5. SILO DOORS WERE UNDER CONSTRUCTION AT Q2 AND Q4.

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
MISSILE RANGES

NO CHANGES OR VEHICULAR ACTIVITY WERE OBSERVED IN LAUNCH GROUPS
M OR P.

IN THE MAIN SUPPORT BASE, THREE NEW APARTMENT-TYPE BUILDINGS
WERE UNDER CONSTRUCTION SOUTH OF THE PARK. NO SIGNIFICANT
ACTIVITY WAS OBSERVED IN THE AIR LIQUEFACTION FACILITY.

25X1D



25X1D

25X1A

25X1D

25X1D

TYURATAM SPACE TRACKING FACILITY

45-42- N 063-20- E

25X1A

STATUS: UNDER CONSTRUCTION

25X1D

REMARKS:

ON THE ANTENNA FOR THE SECOND LARGE PEDESTAL WAS
STILL UNDER CONSTRUCTION ON THE GROUND NEXT TO THE PEDESTAL.

25X1D



25X1A

25X1A

OTHER RESULTS-NO APPARENT CHANGE

25X1D

TYURATAM RANGEHEAD TRACKING FACILITY

45-42-//N 063-18-//E

STATUS: COMPLETE

25X1D



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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

25X1A

25X1D

SIGNIFICANT RESULTS

25X1D

25X1D

25X1A

52-16- N 029-21- E

BOBROVICH AIRFIELD
NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
25 SMALL SWEEP-WING (AT
LEAST)

25X1D

25X1A

25X1A

25X1D

53-06- N 029-12- E

25X1D

BOBRUYSK AIRFIELD
NAC

25X1D

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
54 BADGER

25X1D

25X1A

25X1A

25X1D

25X1D

25X1D

BYKHOV AIRFIELD
NAC

53-31- N 030-11- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
51 BADGER

25X1D

Handle Via

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KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

25X1D

GORODOK AIRFIELD

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
1 MEDIUM STRAIGHT-WING
32 SMALL SWEEP-WING (4
POSS)

25X1D

25X1D

25X1D

25X1A 49-44- N 023-40- E

25X1D

25X1D

25X1A

25X1D KLIN AIRFIELD

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 COOKPOT
8 CAT/CUB/CAMP
3 COKE
8 CRATE

1 CAB
2 POSS CLOD
28 SMALL SWEEP/DELTA-WING
(AT LEAST)

25X1D

11 CAT/CUB/CAMP
2 COKE
11 CRATE
1 CAB

2 CLOD
25 SMALL SWEEP/DELTA-WING
(AT LEAST)

25X1D

Handle Via

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TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

25X1D

25X1D

25X1A

25X1D

25X1D

MIRGOROD AIRFIELD

49-55- N 033-38- E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
20 PROB BADGER

1 SMALL PROB SWEEP-WING

25X1D

25X1A

25X1D

MURMANSK/GRYAZNYY SEAPLANE STATION

69-03- N 033-17- E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
10 SMALL AIRCRAFT

25X1D

25X1A

NEZHIN AIRFIELD

51-05- N 031-52- E

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
35 BLINDER

2 LIGHT STRAIGHT-WING

25X1D

25X1A

OREL AIRFIELD SOUTHWEST

52-56- N 036-00- E

NAC

STATUS: OPERATIONAL

25X1D

Handle Via

Talent-KEYHOLE
Control System Only

TOP SECRET RUFG

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:
20 SMALL AIRCRAFT (AT
LEAST)

25X1D



25X1D

25X1A

PRILUKI AIRFIELD

NAC

50-34-N 032-19-E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

42 PROB BADGER

1 PROB MEDIUM SWEEP-WING

25X1D

49 PROB BADGER

25X1D

25X1D



25X1D

25X1D

25X1D

RZHEV ADZ A ADS HQ

25X1A

56-17-N 034-18-E

STATUS: UNKNOWN

25X1A

25X1D

REMARKS:
THIS TYPE OF INSTALLATION IS NOT IDENTIFIABLE ON RECONNAISSANCE
PHOTOGRAPHY. IT USUALLY CONSISTS OF ONE MULTISTORY BUILDING.
THE COORDINATES ARE THE SAME AS THOSE OF RZHEV AW RADAR
FACILITY (BE [REDACTED])

25X1D



TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

	25X1A	25X1D	25X1D
25X1D			
RZHEV AIRFIELD		56-15-	N 034-24- E
[REDACTED]	NAC		
STATUS: OPERATIONAL			
AIR ORDER OF BATTLE:			
25 SMALL AIRCRAFT (AT LEAST)			
25X1D			
[REDACTED]			
25X1D			
SAMBOR AIRFIELD	25X1A	49-33-	N 023-20- E
[REDACTED]	NAC		
STATUS: OPERATIONAL			
AIR ORDER OF BATTLE:			
9 POSS AIRCRAFT OR HELICOPTERS			
25X1D			
[REDACTED]			
25X1D			
TORZHOK HELIPORT	25X1A	57-02-	N 035-00- E
[REDACTED]	NAC		
STATUS: OPERATIONAL			
AIR ORDER OF BATTLE:			
7 HOOK/HARKE	9 MEDIUM HELICOPTERS		
25X1D			
[REDACTED]			

Handle Via

Talent-KEYHOLE

Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
AIR BASE FACILITIES

25X1D

TULA AIRFIELD NORTH
[REDACTED] NAC

25X1D

25X1D

54-14-[REDACTED] N 037-36-[REDACTED] E

25X1A

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

22 CAT/CUB
1 COKE
3 CRATE

1 CAB
8 COLT
7 CREEK (AT LEAST)

25X1D

37 CAT/CUB
1 COKE
2 CRATE

11 COLT
7 CREEK (AT LEAST)

25X1D



25X1D

VISHNIY VOLOCHEK PR AIR TECH SCHOOL
[REDACTED] NAC

25X1A

25X1D

25X1D

57-35-[REDACTED] N 034-36-[REDACTED] E

STATUS: OCCUPIED

ASSOCIATED OBJECTS:
7 MEDIUM/LIGHT
STRAIGHT-WING

16 SMALL SWEEP/DELTA-WING
(APPROXIMATELY)

25X1D



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25X2D

Next 1 Page(s) In Document Exempt

Approved For Release 2000/04/17 : CIA-RDP78T04562A000700010005-6

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
NAVAL BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

ARKHANGELSK PORT FACILITIES CITY
[REDACTED] NAC

64-31-[REDACTED] N 040-31-[REDACTED] E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
3 FREIGHTERS

2 COASTAL FREIGHTERS

25X1D

[REDACTED]

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

BAGRATIONOVSK ORD DPO 214 B DO 1 DOLGO
[REDACTED] NAC

25X1A

54-24-[REDACTED] N 020-28-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

REMARKS:
PATTERNS OF VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED,
HOWEVER, THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED
DETERMINATION OF THE TYPE AND NUMBER.

25X1D

25X1D

[REDACTED]

25X1D

25X1D

25X1A

BOBRUYSK ARMY BARRACKS EAST AL 2
[REDACTED] NAC

53-08-[REDACTED] N 029-14-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

[REDACTED]

25X1D

25X1D

BOBRUYSK ORDNANCE DEPOT NNE DO 1
[REDACTED] NAC

53-12-[REDACTED] N 029-16-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
200 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

KALUGA ARMY BARRACKS NORTH AL 2
NAC

25X1A 54-33- N 036-15- E

25X1D

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
15 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

25X1D

KOZELSK ARMY BARRACKS AL 1
NAC

25X1A 54-02- N 035-46- E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
15 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D



MAMONOV BARRACKS SOUTH AL 1
NAC

25X1A 54-27- N 019-56- E

25X1D

STATUS:OCCUPIED

REMARKS:
PATTERNS OF VEHICLES WERE PRESENT, HOWEVER, THE SMALL SCALE OF
THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF THE TYPE AND
NUMBER.

25X1D



TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D MARINA GORKA ARMY BARRACKS AL 1
NAC

25X1D 25X1D
25X1A 53-30- N 028-10- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

50 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

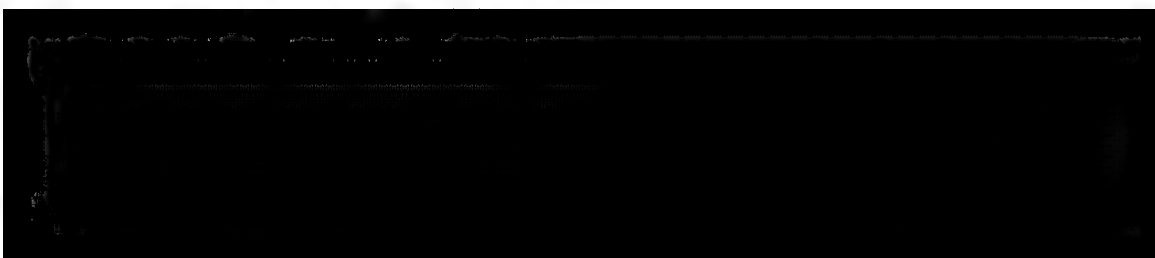


NAKHABINO ENGR BKS AL 1
NAC

25X1D 25X1D
25X1A 55-50- N 037-10- E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)



25X1D PABRADE TRAINING AREA TA 1
NAC

25X1A 55-03-//N 025-50-//E

STATUS:OCCUPIED

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

PETROZAVODSK ARMY BARRACKS SOUTH AL 3
NAC

61-46- N 034-21- E

25X1A

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
20 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1A

25X1A

25X1D

25X1D

PETROZAVODSK ARMY BARRACKS WEST AL 8
NAC

61-48- N 034-16- E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

25X1A

25X1D

PIRYATIN ARMY BARRACKS AL 1
NAC

25X1A

50-14- N 032-30- E

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
2 ROWS OF PROB VEHICLES (AT
LEAST)

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TOP SECRET RUFG

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D



25X1D

25X1D

25X1A

55-24- N 028-26- E

POLOTSK ARMY BARRACKS VETRINO AL 4
NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
25 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

25X1D

25X1D

25X1A

55-28- N 028-47- E

POLOTSK MILITARY STORAGE DEPOT DX 1
NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

25X1D

25X1A

54-55- N 037-24- E

SERPUKHOV ORD DPO NO 45 DO 1
NAC

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D



25X1D

25X1D

SLUTSK ARMY BARRACKS CENTRAL AL 3
NAC

25X1A 53-01- N 027-33- E
[Redacted]

25X1D

STATUS: OCCUPIED 25X1D

REMARKS:
ON [Redacted] PATTERNS OF VEHICLES WERE OBSERVED,
HOWEVER, THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED
DETERMINATION OF THE TYPE AND NUMBER.

25X1D



25X1D

25X1D

SLUTSK ARMY BKS NE
NAC

25X1A 53-02- N 027-35- E
[Redacted]

25X1D

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



Handle Via
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Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

SOLNECHNOGORSK TRAINING AREA EAST
NAC

25X1A 56-11-//N 037-03-//E

STATUS: OPERATIONAL

25X1D

GROUND FORCE ORDER OF BATTLE:

300 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

25X1D

25X1D

STARYYE DOROGI ARMY BARRACKS AL 1
NAC

25X1A 53-01-//N 028-13-//E

STATUS: OCCUPIED

REMARKS:
PATTERNS OF VEHICLES WERE PRESENT, HOWEVER, THE SMALL SCALE OF
THE PHOTOGRAPHY PRECLUDED DETERMINATION OF THE TYPE AND NUMBER.

25X1D



25X1D

25X1D

25X1D

TULA AMMO DEPOT, KHOMYAKOVO SOUTHWEST
NAC

25X1A 54-16-//N 037-35-//E

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

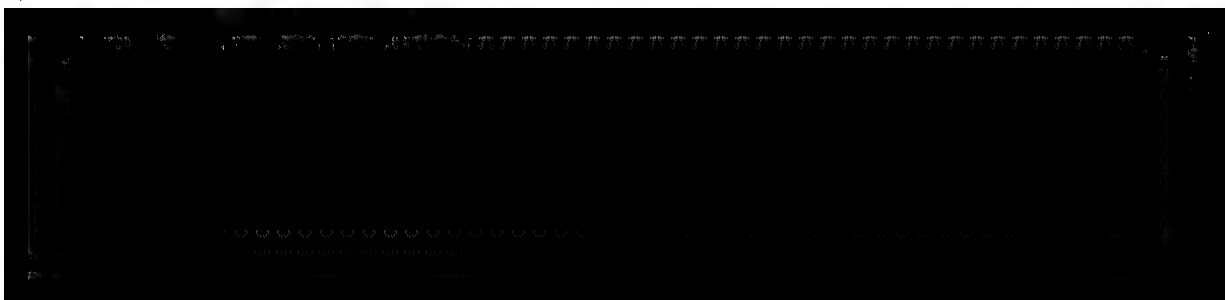
STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

25X1D

25X1D

TULA ARMY BARRACKS KOSTROVO AL 6
NAC

54-23- N 037-29- E

STATUS:OCCUPIED

25X1A

25X1D

GROUND FORCE ORDER OF BATTLE:

50 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D



25X1D

URECHYE ARMY BKS SE AL 1
NAC

52-56- N 027-54- E

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:
PATTERNS OF VEHICLES WERE PRESENT, HOWEVER, THE SMALL SCALE OF

Handle Via

Talent-KEYHOLE

Control System Only

TOP SECRET RUFF

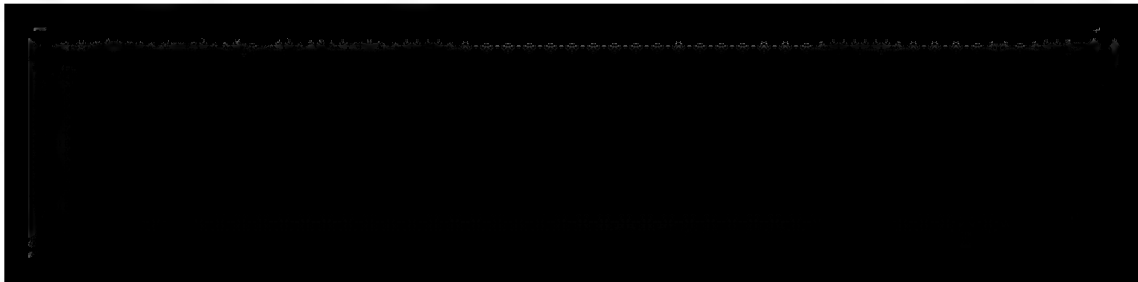
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KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

THE PHOTOGRAPHY AND SCATTERED CLOUDS PRECLUDED DETERMINATION OF
THE NUMBER AND TYPE.



25X1A

25X1D

25X1D

ZVENIGOROD SUPPLY DPO DQ 1
NAC

55-38-5N 036-48-E

25X1D

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
500 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

BOBRUYSK AMMUNITION DEPOT SSW DA 1
NAC

25X1A

53-02-5N 029-11-E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



BOBRUYSK ARMY TRAINING AREA SOUTHEAST
NAC

25X1A

53-05-5N 029-18-E

25X1D

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

[REDACTED]

25X1A

25X1D

25X1D

BOBRUYSK MILITARY DEPOT NORTH DX 1

53-10- N 029-10- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1A

KALININGRAD AMMO DEPOT MEDENAU DA 1

54-45- N 020-10- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1A

KALININGRAD AMMO DPO BLYUMENAU NW DA 4

54-45- N 020-07- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1A

KALININGRAD AMMO DPO GR BLYUMENAU DA 3

54-43- N 020-10- E

NAC

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

Handle Via

Talent-KEYHOLE

Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13

KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

KALININGRAD TRAINING AREA MEDENAU TA 1

NAC

25X1A

54-45-

25X1D

N 020-17-

25X1D

E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

KUCHURGAN ARMY BARRACKS AL 1

NAC

25X1A

46-45-

N 029-59-

E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

MARINA GORKA TRAINING AREA 2

NAC

25X1A

53-29-

N 028-06-

E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

NIMENGA ARMY BKS AL 1

NAC

25X1A

63-41-

N 037-36-

E

STATUS: OCCUPIED

25X1D

Handle Via

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Talent-KEYHOLE
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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

PEREYASLAV-KHMELNITSKIY TNG AREA 1

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1D

25X1A 50-05- N 031-02- E

PETROZAVODSK QM DEPOT PEREVALKA NORTH

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1A 61-47- N 034-18- E

POLOTSK ARMY BARRACKS

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1A 55-30- N 028-46- E

POLOTSK ARMY BARRACKS NORTH AL 3

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1A 55-32- N 028-47- E

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFG

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1A

25X1D

25X1D

PRILUKI AMMUNITION DEPOT ICHNYA DA 1
[REDACTED] NAC

50-47-[REDACTED] N 032-19-[REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

TULA TRAINING AREA NORTH 2
[REDACTED] NAC

25X1A

54-15-[REDACTED] N 037-34-[REDACTED] E

25X1D

STATUS:OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

URECHYE ARMY TRAINING AREA TALITSA R
[REDACTED] NAC

25X1A

52-54-//N 027-57-//E

25X1D

STATUS:OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

25X1D

VENTSPILS ARMY BARRACKS NORTH AL 1
[REDACTED] NAC

25X1A

57-24-[REDACTED] N 021-34-[REDACTED] E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

ZNAMENSK AMMUNITION DEPOT DA 1
NAC

54-37- N 021-19- E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

LEPEL TACTICAL SAM BARRACKS AL 6
[REDACTED] NAC

25X1A

25X1D

25X1D

54-54- [REDACTED] 028-59- [REDACTED]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
20 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

SLUTSK TAC SAM BKS AL 6
[REDACTED] NAC

25X1A

53-03- [REDACTED] 027-34- [REDACTED]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
20 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

BAGRATIONOVSK ARMY BARRACKS AL 2
[REDACTED] NAC

25X1A

54-22- [REDACTED] 020-37- [REDACTED]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

OTHER RESULTS-NO APPARENT CHANGE

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFG

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TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
LOGISTICS

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1A

25X1D

CHERNYAKHOVSK TRANSLOADING YD SW

54-37- [REDACTED] N 021-46- [REDACTED] E

STATUS: OCCUPIED

REMARKS:

THE YARD APPEARED TO BE LESS THAN 20 PERCENT FILLED.

25X1D



25X1D

25X1A

25X1D

25X1D

KOROLEVO RR CLF YARD

25X1A

48-09- [REDACTED] N 023-08- [REDACTED] E

STATUS: OCCUPIED

REMARKS:

THE YARD WAS FILLED TO APPROXIMATELY 30 PERCENT OF CAPACITY.

25X1D



25X1D

25X1A

25X1D

MAMONOVO RR TRANSLOADING YARD
NAC

54-27- [REDACTED] N 019-56- [REDACTED] E

STATUS: OCCUPIED

REMARKS:

THE YARD WAS APPROXIMATELY 20 PERCENT FILLED. THERE WERE NO INDICATIONS OF TROOP OR SUPPLY BUILDUPS.

25X1D



Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

Approved For Release 2000/04/17 : CIA-RDP78T04562A000700010005-6

TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SOVIET UNION
LOGISTICS

25X1A

25X1A

25X1D

25X1D

25X1D

MAMONOVO RR TRANSLOADING YARD NE
NAC

54-31- N 019-59- E

STATUS: OPERATIONAL

REMARKS:
THE YARD WAS APPROXIMATELY 5 PERCENT FILLED. THERE WERE NO
INDICATIONS OF TROOP OR SUPPLY BUILDUPS.

25X1D

25X1D

25X1D

MAMONOVO RR TRANSLOADING YARD SOUTH
NAC

25X1A

54-26- N 019-54- E

25X1D

STATUS: OCCUPIED

REMARKS:
THE YARD WAS APPROXIMATELY 5 PERCENT FILLED. THERE WERE NO
INDICATIONS OF TROOP OR SUPPLY BUILDUPS.

25X1D

25X1D

25X1D

MOZYR NOVYY RR TRANSLOADING YARD
NAC

25X1A

54-27- N 021-29- E

25X1D

STATUS: OPERATIONAL

REMARKS:
THE YARD WAS LESS THAN 5 PERCENT FILLED.

25X1D

Handle Via
Talent-KEYHOLE
Control System Only

TOP SECRET RUFF

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SOVIET UNION
INDUSTRY

TCS-20230/70 - IPIR 13
KH-4 MISSION 1110

SIGNIFICANT RESULTS

25X1A

25X1A

25X1D

25X1D

25X1D

OREKHOVO ZUYEVO PLASTICS P KARBOLIT
[REDACTED]

55-48-[REDACTED] N 038-59-[REDACTED] E

STATUS: UNKNOWN

REMARKS:

THE SMALL SCALE OF THE PHOTOGRAPHY AND SCATTERED CLOUDS
PRECLUDED IDENTIFICATION OF A PLASTICS PLANT AT THE REFERENCED
COORDINATES.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

25X1D

25X1D

25X1A

PODOLSK PROB SMALL ARMS TEST RANGE
NAC
[REDACTED]

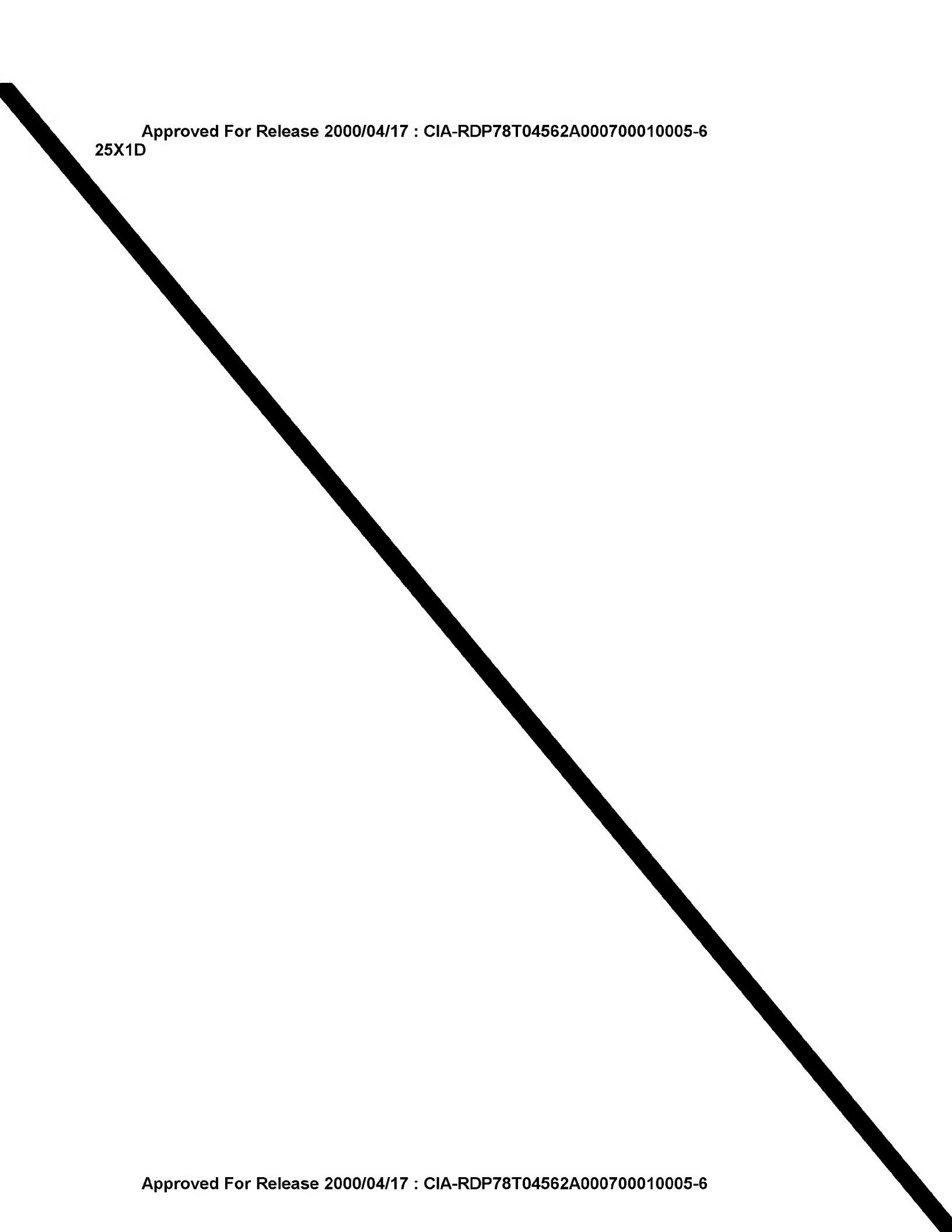
55-18-[REDACTED] N 037-29-[REDACTED] E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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25X1D



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TOP SECRET

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TOP SECRET